



Vacuum Lifting Solutions

Overhead and Crane Solutions

SPUTTERED	AAAA 0/18	AAA 1/18	AA 2/18	1/18	EXTRA	SUPERIOR	UNIVERSAL
600P	LING	BROSME	A-POLLACK				
	1/1800	1/1800	1/1800	1/1800	1/1800	1/1800	1/1800

## Goldwing

The Goldwing consists of a column that can be mounted to the floor, ceiling, wall or counterbalance base plate with a single jib arm mounted on top.

Mounting the arm on top of the column allows for 360 degrees of rotation.

The Goldwing utilises a standard swing jib style arm to run the vacuum hoses along it.

The arms are manufactured as standard to give a 3mtr / 9 3/4 feet overall length and with the 360 degree rotation provides a footprint of optimum working space of up to 6 mtrs / 19.5 feet in diameter.

They can be supplied in mild steel and painted, or in stainless steel 304 or 316 as required depending on the environment's needs.

The Goldwing arm is designed for a vacuum kit. The vacuum head can then lift and lower goods and items that range from sacks, to cardboard boxes or tubes, to blocks of rubber. All industries are covered with this versatile system.

The only power requirement is for a industrial electrical socket of 415v 3 phase as standard but 240v and 110v single phase solutions are also available.

The counterbalance base plate is designed to be lifted using a fork lift truck allowing you to use the goldwing in multiple locations across your site.

## Overview

- Lifting Capacity Up to 100 kg / 220 lbs
- Reach up to 3mtr / 9 3/4 Feet as standard
- 360 degree Rotation
- Up to 1.6mtr / 5 1/4 feet beneath the vacuum head as standard
- Floor Mounted
- Ceiling Mounted
- Wall Mounted
- Counter Balance Base Plate Mounted
- Mild Steel Painted or Stainless Steel 304 or 316



## Technical Data

Lifting Capacity  
Up to 100 kg / 220 lbs

Standard Reach  
3mtr / 9 3/4 feet

Standard Lift Height  
1.6 mtr / 5 1/4 feet

360 degree rotation



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### Technical Data

#### Lifting Capacity

Up to 100 kg / 220 lbs

#### Standard Reach

2.5mtr / 8 feet

#### Standard Lift Height

1.6 mtr / 5 1/4 feet

360 degree rotation



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## Two-Joint Swing Arms

The Two Joint Swing Arm consists of a column that can be mounted to the floor, ceiling, wall or counterbalance base plate with a two jointed arm mounted on top.

Mounting the arm on top of the column allows for 360 degrees of rotation.

The Two Joint Arm contains the vacuum within the arm and column itself, therefore eliminating the need for flexi hose to run underneath the arm. This is a more hygienic and robust solution that suits many industries.

The arms are manufactured as standard to give a 2.5mtr / 8 feet overall length and with the 360 degree rotation provides a footprint of optimum working space of up to 5mtrs / 16 feet in diameter.

They can be supplied in mild steel and painted or in stainless steel 304 or 316 as required depending on the environment's needs.

The Two Joint Swing arm is designed for a vacuum kit. The vacuum head can then lift and lower goods and items that range from sacks, to cardboard boxes or tubes to blocks of rubber. All industries are covered with this versatile system.

The only power requirement is for a industrial electrical socket of 415v 3 phase as standard but 240v and 110v single phase solutions are also available.

The counterbalance base plate is designed to be lifted using a fork lift truck allowing you to use the two joint swing arm in multiple locations across your site.

### Overview

- Lifting Capacity Up to 100 kg / 220 lbs
- Reach up to 2.5mtr / 8 Feet as standard
- 360degree Rotation
- Up to 1.6mtr / 5 1/4 feet beneath the vacuum head as standard
- Floor Mounted
- Ceiling Mounted
- Wall Mounted
- Counter Balance Base Plate Mounted
- Mild Steel Painted or Stainless Steel 304 or 316



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## Swing Jibs

The Swing Jib consists of a column that can be mounted to the floor; ceiling, wall or counterbalance base plate with a Jib arm mounted to the front.

This mounting plate allows for 270 degrees of rotation for the arm.

The Jib arms are manufactured in lengths up to 8mtrs or 26 1/4 feet as standard.

They can be supplied in mild steel and painted or in stainless steel 304 or 316 as required depending on the environment's needs.

The Swing Jib is designed for a vacuum kit or a hoist to be mounted to it. The vacuum head or hoist can then be used to lift and lower goods and items that range from sacks to cardboard boxes or slabs of stone, to sheets of plastic. All industries are covered with this versatile system.

The counterbalance base plate is designed to be lifted using a fork lift truck allowing you to use the swing jib in multiple locations across your site.

## Overview

- Lifting Capacity Up to 100 kg / 220 lbs
- Reach up to 8mtr / 26 1/4 Feet
- 270 degree Rotation
- Up to 3.1mtr / 10 feet beneath the standard jib arm
- Floor Mounted
- Ceiling Mounted
- Wall Mounted
- Counter Balance Base Plate Mounted
- Mild Steel Painted
- Stainless Steel 304 or 316



## Technical Data

### Lifting Capacity

Up to 100 kg / 220 lbs

### Standard Reach Up to

8 mtr / 26 1/4 feet

### Standard Height Beneath Jib

Up to 3.1 mtr / 10 feet

270 degree rotation



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## Spider Vacuum Lifters



### Technical Data

#### Lifting Capacity

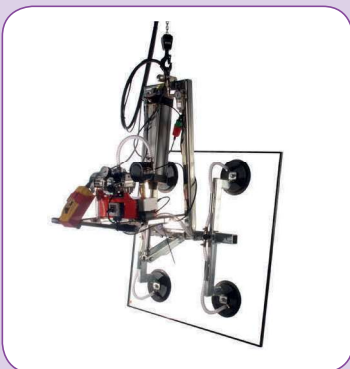
Up to 100 kg / 220 lbs

Mounted to a Swing Jib and Hoist

Vertical Lift Only

Vertical Lift and Tilt

Vertical Lift, Tilt and / or Rotate



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The range of Spider Lifters are traditionally hung from a hoist and swing jib. The Spider Lifter is then used to hold a load whilst it is lifted and lowered using a hoist. The Swing Jib then allows the operator to move the item into place.

Typical items to handle in this way are large sheet materials such as metal, plastic, stone or glass.

Other examples are when items need to be placed and fitted to other items during a production process such as windscreens, panels, doors or turbine blades.

The simplest of the solutions allows the operator to lift and lower an item vertically.

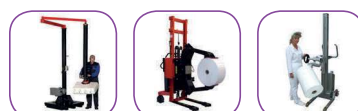
Vacuum pads are varied in size and number depending on the item you are handling. The pads are also set along adjustable booms allowing for different sized items to be handled with the same vacuum system.

As part of a process an item may require tilting or rotating both of which can be carried out using variations of this standard Spider Lifter design.

The standard Spider Lifter requires a 230v single phase power supply however if tilting and/or rotating are required then a compressed air supply may also be needed.

### Overview

- Lifting Capacity Up to 100 kg / 220 lbs
- Mounted to a swing jib and hoist to lift and lower items
- 230v single phase power supply required
- Compressed air may be required for tilting and / or rotational features
- Counter Balance Base Plate Mounted
- Mild Steel Painted or Stainless Steel 304 or 316



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## Cargo Lifter

The Cargo Lifter is a vacuum system with a two joint swing arm that can be mounted to the front of a fork lift truck.

This system is not permanently mounted to the truck freeing it up for it's normal use mounting the vacuum kit only when needed.

The Cargo Lifter can handle many items including sacks, cardboard boxes and drums.

The two jointed arm means that the arm can be safely folded away when the driver drives around the factory. Mechanical or electrical brakes are available to stop the arms moving when not in use.

Taking power from the Fork Lift itself the vacuum system can run from a variety of sources.

The vacuum kit can be turned on and off using a wireless remote to ensure that the process is as efficient as possible.

To ensure that the arm reach is suitable the truck's stability is assessed and so full details of your truck as required so that this assessment can be made.

## Overview

- Lifting Capacity Up to 100 kg / 220 lbs
- Standard Reach 2.5mtr / 8 feet
- Power taken from the truck's power source
- Storage Frame Available
- Mild Steel Painted
- Remote Control



## Technical Data

Lifting Capacity  
Up to 100 kg / 220 lbs

Standard Reach Up to  
2.5mtr / 8 feet

Truck Specification  
Required for Assessment

Stability Testing Required



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Technical Data

Lifting Capacity  
Up to 500 kg / 1100 lbs

Power Supply  
Battery Operated

Charger Included

Wide Range of Heads  
Available



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## Handyman or Combat Battery Vacuum Heads

The Handyman handling up to 160 kg / 352 lbs and the Combat vacuum lifter handling up to 500kg / 1100 lbs, are practical mobile vacuum solutions for a wide range of industrial needs.

Usually hung from a chain hoist these battery powered solutions are simple to operate handling a range of items such as sheet material or stone slabs to name but a few.

Both designs come with a battery charger for overnight charging as well as both acoustic and visual alarms allowing the operator to identify that the correct vacuum seal has been created.

There are a very wide range of vacuum pads available that simply screw on to the bottom of the vacuum tank allowing for multi-functional use.

Example pads are;

Round 300mm / 12 inches diameter with a 155 kg / 341 lbs capacity

Rectangular 200mm x 300mm / 8 inches x 12 inches with a 110 kg / 242 lbs capacity

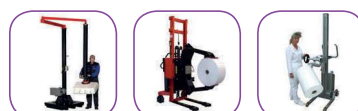
Narrow Rectangular 80mm x 800mm / 3 inches x 31.5 inches with a 100 kg / 220 lbs capacity

With many more available

Single and Double extension handles are also available to eliminate the need for the operator to reach too far

### Overview

- Lifting Capacity Up to 500 kg / 1100 lbs
- Mounted to a swing jib and hoist to lift and lower items
- 12v Battery powered
- Charger included
- Audible and Visual Vacuum alarms
- Extension Handles Available



## Overhead Systems

Overhead systems are usually installed to cover large footprints when items need to be moved from one area to another.

The Overhead is designed for a vacuum kit or a hoist to be mounted to it. The vacuum head or hoist can then be used to lift and lower goods and items that range from sacks to cardboard boxes or slabs of stone to sheets of plastic. All industries are covered with this versatile system.

The system uses two tracks and a bridge which can be supplied in mild steel or aluminium. The two tracks must be mounted to a suitable structure. The bridge runs along the two tracks which in turn has a hoist and vacuum kit running along it to cover the full footprint required.

If there is not a suitable mounting structure available, Packline are able to offer and install floor mounted steel structure to mount the overhead system to.

The only power requirement is for a industrial electrical socket of 415v 3 phase as standard but 240v and 110v single phase solutions are also available.

### Overview

- Lifting Capacity Up to 500 kg / 1100 lbs
- Footprint is determined by the customer
- Mild Steel Painted, or Aluminium



### Technical Data

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#### Lifting Capacity

Up to 500 kg / 1100 lbs

#### Standard Bridge Track

Widths up to 8mtr / 26 feet

Mild Steel or Aluminium

#### Mountable Steel Work

Supplied if Required



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## Solo Cranes



The Solo Crane is an industrial hoist solution that will lift and lower items up to 240kg / 528 lbs.

The Solo Crane comes as standard with a lifting hook allowing different lifting head to be attached as required.

A simple hook is a popular choice as well as mechanical clamping heads. Magnets both manual and electrical are also a simple and reliable solution for handling certain items.

The Solo Crane is an efficient solution to handling items with ease and control. The load can be lifted to any height below the arm using the single handed controls built within the lifting head.

The speed can be controlled by setting the head into one of two different speeds providing the optimum lifting solution for every individual operator and process.

The only power requirement is for a industrial electrical socket of 230v or 110v single phase power and then assess the power supply require to operate the head.

The counterbalance base plate is designed to be lifted using a fork lift truck allowing you to use the Solo Crane in multiple locations across your site.

### Overview

- Lifting Capacity Up to 240 kg / 528 lbs
- Standard Reach 2.5mtr / 8 feet
- Lifting speeds up to 20mtr/min / 65 feet /min
- Mild Steel Painted,
- Counterbalance Base Plates available

### Technical Data

#### Lifting Capacity

Up to 240 kg / 528 lbs

#### Standard Reach

2.5mtr / 8 feet

#### Lifting Speed up to 20 mtr

per minute / 65 feet per minute



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